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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/816,243	03/23/2001	James Korotney	19388-085869	8739
28886	7590	07/02/2004	EXAMINER	
CLARK HILL, P.C. 500 WOODWARD AVENUE, SUITE 3500 DETROIT, MI 48226			HUTTON JR, WILLIAM D	
			ART UNIT	PAPER NUMBER
			2178	

DATE MAILED: 07/02/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/816,243

Applicant(s)

KOROTNEY ET AL.

Examiner

Doug Hutton

Art Unit

2178

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 09 July 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-16 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-16 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 09 July 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date: \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

### **DETAILED ACTION**

#### ***Specification***

The disclosure is objected to because of the following informalities:

- the number “13” on Page 4, Line 12 should be amended to — 10 — because that is the proper reference number;
- the number “25” on Page 5, Line 2 should be amended to — 26 — because that is the proper reference number; this same problem also occurs on Page 6, Line 26 and Page 10, Lines 22 and 24; and
- the number “20” on Page 5, Line 17 should be deleted because that reference number corresponds to the database in Figure 1, not the “content data” as currently specified.

Appropriate correction is required.

#### ***Claim Objections***

Claim 11 is objected to because of the following informalities:

- the phrase “including the” in Line 2 should be amended to — including — because it appears to be a typographic error.

Claims 12 and 13 are objected to because of the following informalities:

- the phrase "the step of generating" in Line 3 should be deleted because "generating a profile" is not previously mentioned in the claims.

Claim 14 is objected to because of the following informalities:

- the number "20" in Line 9 should be deleted because it appears to be a typographic error.

Appropriate correction is required.

### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-16 are rejected under 35 U.S.C. 102(b) as being anticipated by Ferrel et al., U.S. Patent No. 5,860,073.

#### ***Claim 1:***

Ferrel discloses a method for publishing changed data on a web page (see the "electronic publishing system" described in Figures 1-19 and Column 1, Line 1 through Column 46, Line 63), the method comprising the steps of:

- receiving the changed data (the electronic publishing system “receives changed data” in that it includes several different content editors that allow the publisher to edit web page content objects and a style sheet editor that allow the publisher to edit web page layout objects);
- identifying a profile for the data (the electronic publishing system “identifies a profile for the data” in that it includes control objects that link the web page layout objects to the web page content objects; in other words, the control objects define relationships between the web page layout objects and the web page content objects);
- forwarding the changed data and the profile for the changed data to a publishing engine (the electronic publishing system “forwards the changed data and the profile for the changed data to a publishing engine” in that it forwards the content objects, layout objects and control objects to a publication storage);
- identifying the changed data to be published on the web page based on the profile for the data (the electronic publishing system “identifies the changed data to be published on the web page based on the profile for the data” in that the control objects link the web page layout to the web page content); and
- publishing the changed data on the web page based on the profile for the data (the electronic publishing system “publishes the changed data on the web page based on the profile for the data” in that the linked web page layout and web page content are published on the client browser).

*Claim 2:*

Ferrel discloses the method of Claim 1, including the step of publishing the changed data on a plurality of web pages based on the profile for the changed data (the electronic publishing system “publishes the changed data on a plurality of web pages based on the profile for the changed data” in that it publishes both edited content objects that are linked to a plurality of layout objects and edited layout objects that are linked to a plurality of content objects according to the links between the various content and layout objects, as defined by the corresponding control objects).

*Claim 3:*

Ferrel discloses the method of Claim 2, including the step of separating the changed data into content data and template data (the electronic publishing system “separates the changed data into content data and template data” in that it stores the edited layout objects separately from the edited content objects).

*Claim 4:*

Ferrel discloses the method of Claim 3, wherein the step of identifying the profile for the changed data includes the step of relating the content data with the template data (the electronic publishing system “relates the content data with the template data” in that it includes control objects that link the various layout and content objects).

*Claim 5:*

Ferrel discloses the method of Claim 4, including the step of using the profile of the content data and the template data to transmit the content data to a portion of the plurality of web pages (the electronic publishing system “uses the profile of the content data and the template data to transmit the content data to a portion of the plurality of web pages” in that it includes control objects that link the content objects to the corresponding layout objects on a plurality of web pages).

*Claim 6:*

Ferrel discloses the method of Claim 5, including the step of selecting the portion of the plurality of web pages based on the profile of the content data (the electronic publishing system “selects the portion of the plurality of web pages based on the profile of the content data” in that it includes control objects that link the content objects to the corresponding layout objects on a plurality of web pages; the layout objects are located at user-designated “portions” of the various web pages, and the control objects “select” that “portion” and fill it with the corresponding content object).

*Claim 7:*

Ferrel discloses the method of Claim 5, including selecting the portion of the plurality of web pages based on the profile of the template data (the electronic publishing system “selects the portion of the plurality of web pages based on the profile of the template data” in that it includes control objects that link the layout objects to the



corresponding content objects on a plurality of web pages; the layout objects are located at user-designated "portions" of the various web pages, and the control objects "select" that "portion" and fill it with the corresponding content object).

*Claim 8:*

Ferrel discloses the method of Claim 7, including the step of compiling the template into computer executable form (the electronic publishing system "compiles the template into computer executable form" in that it publishes web pages that include all associated layout objects).

*Claim 9:*

Ferrel discloses the method of Claim 8, including the step of executing the template (the electronic publishing system "executes the template" in that it publishes web pages that include all associated layout objects).

*Claim 10:*

Ferrel discloses the method of Claim 9, including the step of processing all of the content data associated with the template (the electronic publishing system "processes all of the content data associated with the template" in that it publishes web pages that include all associated layout objects and their corresponding content objects).

*Claim 11:*

Ferrel discloses the method of Claim 10, including recording the content data and the template (the electronic publishing system “records the content data and the template” in that it saves the layout and content objects in a publication storage).

*Claim 12:*

Ferrel discloses the method of Claim 10, including the step of using the content data recorded to complete the profile for the data (the electronic publishing system “uses the content data recorded to complete the profile for the data” in that it includes control objects that link the edited content objects to the corresponding layout objects).

*Claim 13:*

Ferrel discloses the method of Claim 10, including the step of using the template recorded to complete the profile for the data (the electronic publishing system “uses the template recorded to complete the profile for the data” in that it includes control objects that link the edited layout objects to the corresponding content objects).

*Claim 14:*

Ferrel discloses a method for displaying a single piece content data on a plurality of web pages using a client-side computer electrically connected to a server-side computer (see the “electronic publishing system” described in Figures 1-19 and Column 1, Line 1 through Column 46, Line 63), the method comprising the steps of:

- accessing one of the plurality of web pages with the client-side computer (the electronic publishing system “accesses one of the plurality of web pages with the client-side computer” in that it permits remote users to access web pages via their computers);
- identifying template data associated with the content data to be changed (the electronic publishing system “identifies template data associated with the content data to be changed” in that it includes control objects that link web page layout objects to corresponding web page content objects that are subsequently edited by the publisher);
- changing the content data associated with the template data on the one of the plurality of web pages to create changed content data (the electronic publishing system “changes the content data associated with the template data on the one of the plurality of web pages to create changed content data” in that it includes several different content editors that allow the publisher to edit web page content objects);
- transmitting the changed content data to the server-side computer (the electronic publishing system “transmits the changed content data to the server-side computer” in that it forwards the edited web page content objects to a publication storage);
- creating a profile for the content data and the template data (the electronic publishing system “creates a profile for the content data and the template data” in that it allows the publisher to generate control objects that link the edited web

page content objects to the web page layout objects; in other words, the control objects define relationships between the edited web page content objects and the web page layout objects);

- identifying the remaining of the plurality of web pages having the template data associated therewith (the electronic publishing system “identifies the remaining of the plurality of web pages having the template data associated therewith” in that it includes control objects that link the edited web page content objects to the corresponding web page layout objects); and
- changing the content data related the template data in the remaining of the plurality of web pages based on the profile for the changed content data with the template data (the electronic publishing system “changes the content data related the template data in the remaining of the plurality of web pages based on the profile for the changed content data with the template data” in that it includes control objects that link the edited web page content objects to the corresponding web page layout objects; thus, the “content data” is “changed” at all associated web pages based on the links contained in the control objects).

*Claim 15:*

Ferrel discloses the method of Claim 14, including the step of transmitting the remaining of the plurality of web pages to the client side computer for viewing (the electronic publishing system “transmits transmitting the remaining of the plurality of web

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pages to the client side computer for viewing" in that it allows a user to receive the edited web pages through a web browser at a client computer).

*Claim 16:*

Ferrel discloses the method of Claim 14, wherein the template data identifies a field within the plurality of web pages that content data may be entered (the electronic publishing system "identifies a field within the plurality of web pages that content data may be entered" in that it comprises a web page layout object that comprises a field, into which content data is entered, that may be included in a plurality of web pages).

***Conclusion***

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure: Bernardo et al., U.S. Patent No. 6,684,369; Bernardo et al., U.S. Patent No. 6,185,587; Boag et al., U.S. Patent No. 6,589,291; and Goodman, Danny, Dynamic HTML: The Definitive Reference, Chapter 5 – "*Making Content Dynamic*" (O'Reilly Publishing, July 1998).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Doug Hutton whose telephone number is (703) 305-1701. The examiner can normally be reached on Monday-Friday from 8:00 AM to 5:00 PM.

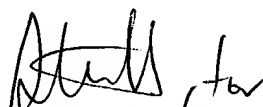
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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Heather Herndon, can be reached at (703) 308-5186. The fax phone number for the organization where this application or proceeding is assigned is (703) 746-7239.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.

WDH

June 23, 2004

A handwritten signature in black ink, appearing to read 'Heather Herndon', with a stylized flourish at the end.

**HEATHER HERNDON  
SUPERVISORY PATENT EXAMINER  
TECH CENTER 2100**